

Overview

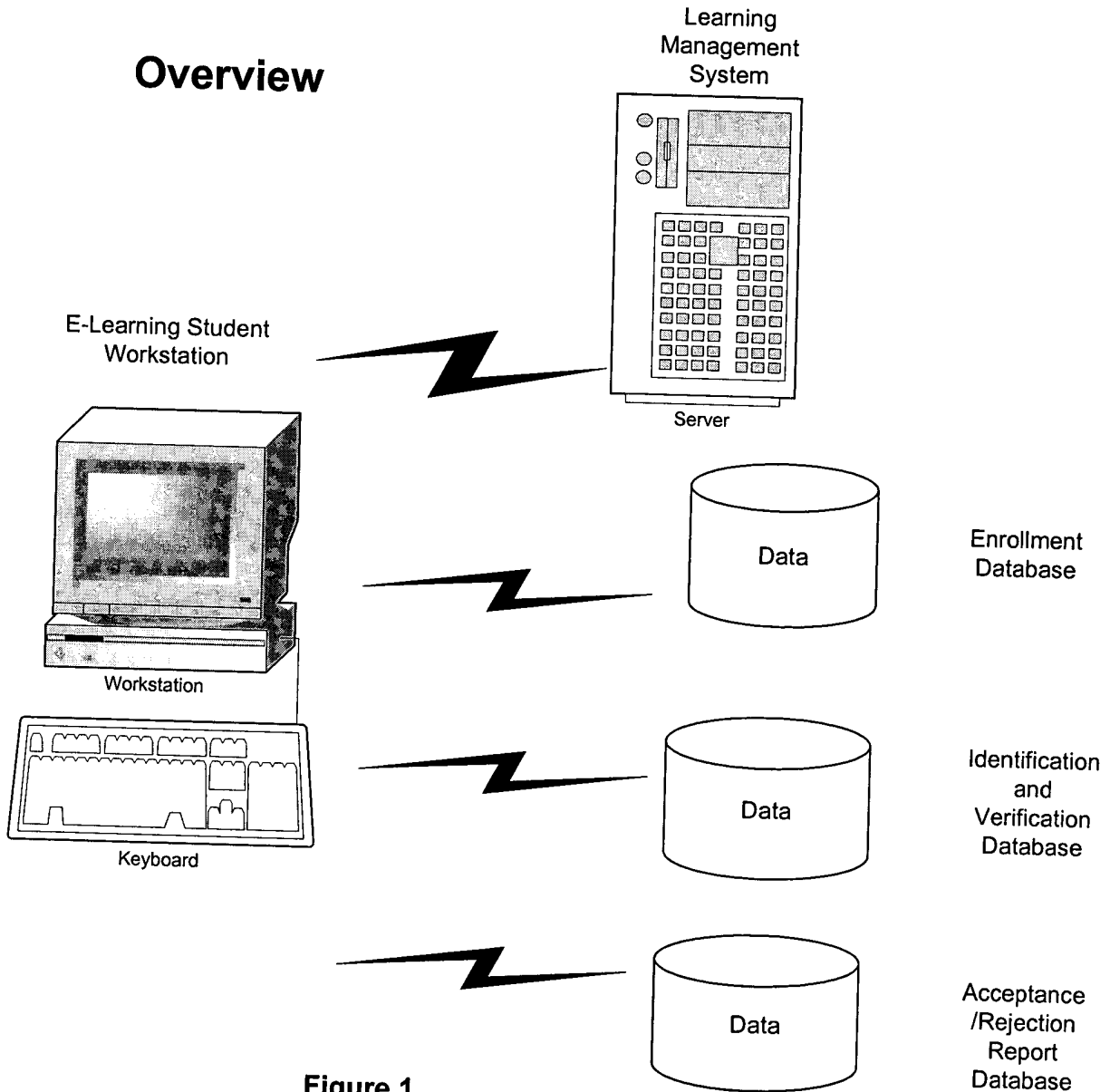


Figure 1

## E-Learning Biometric Identification Information System Process Flow

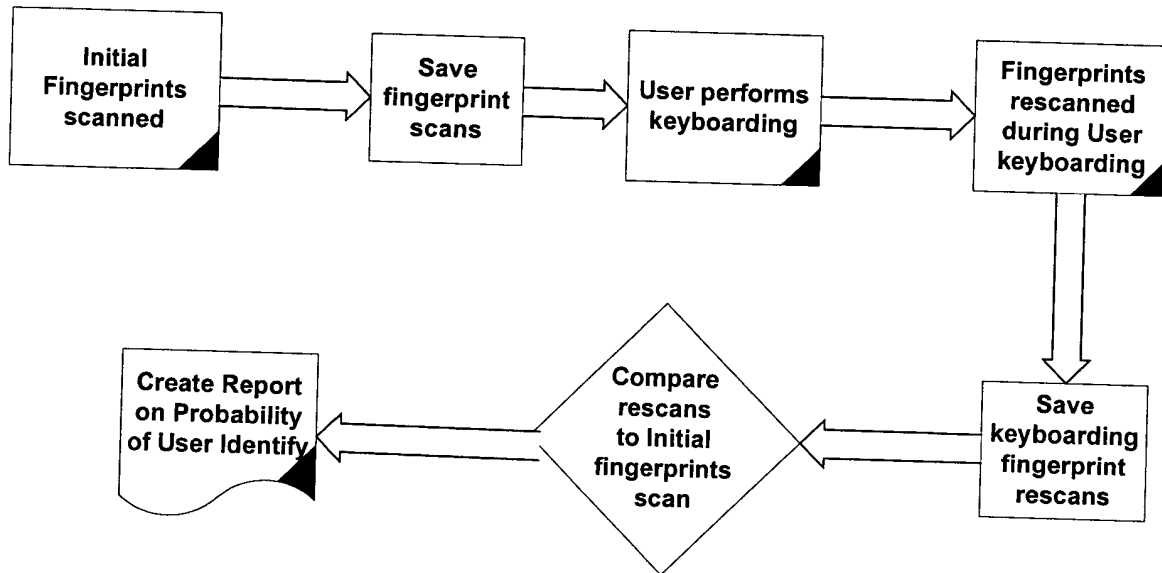


Figure 2

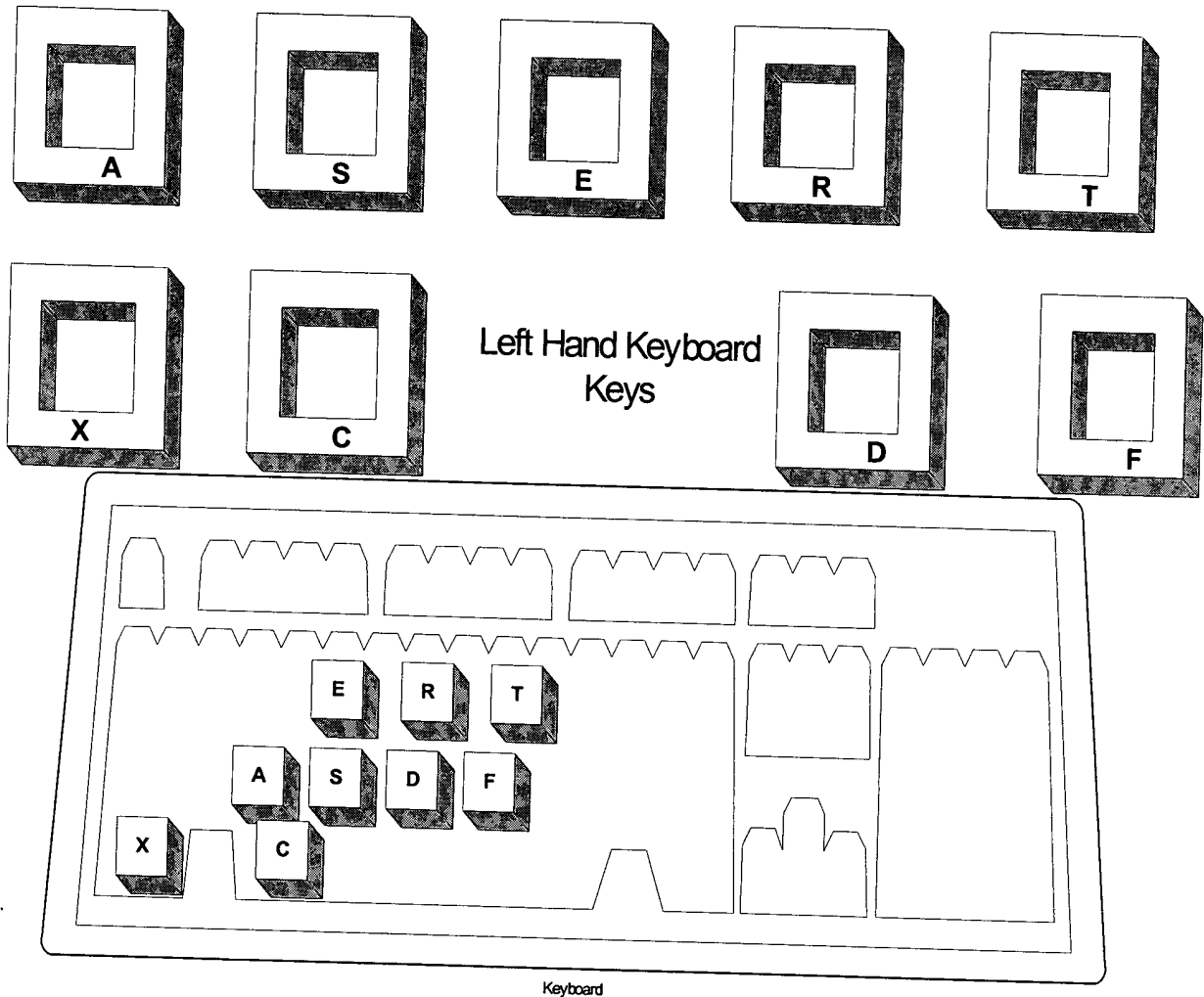
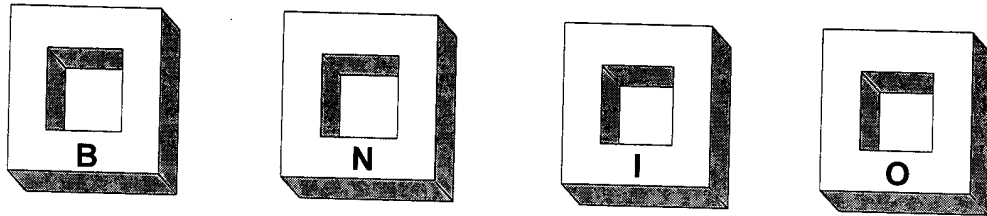
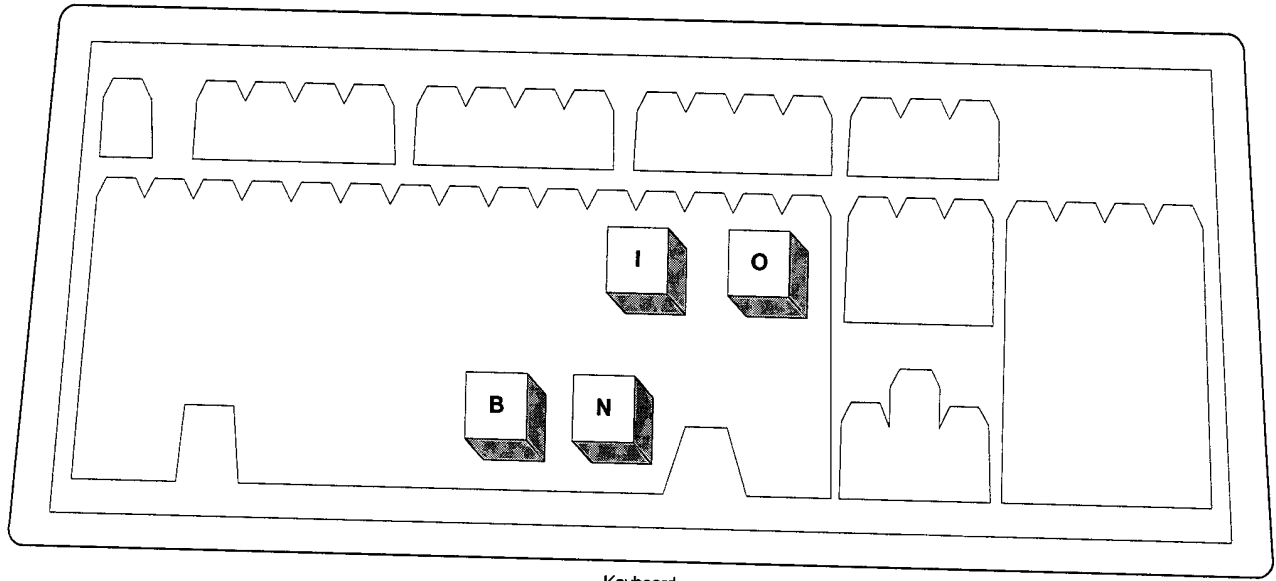


Figure 3



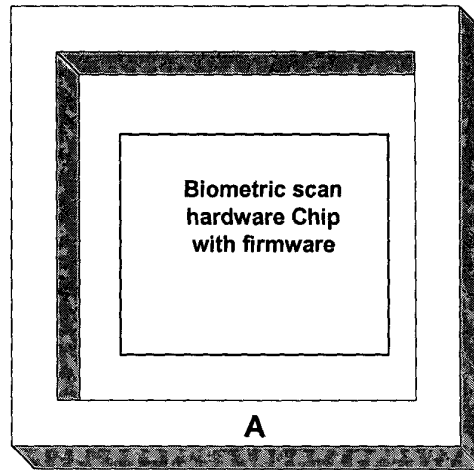
Right Hand  
Keyboard Keys



Keyboard

Figure 4

E-Learning Biometric Identification Information  
System  
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The keyboard key contains a transparent top cover. Below the transparent cover is the Biometric scan hardware and firmware. The hardware consists of an Authentec EntrePad AES3400 Fingerprint Sensor, Biometric Scan chip. The firmware contains scan, capture, transport to storage for analysis by fingerprint software. Components are as follows:  
EntrePad AES3500 Fingerprint Sensor Module  
Matching Algorithm (for fingerprint sensor)  
Software Suite

**Figure 5**

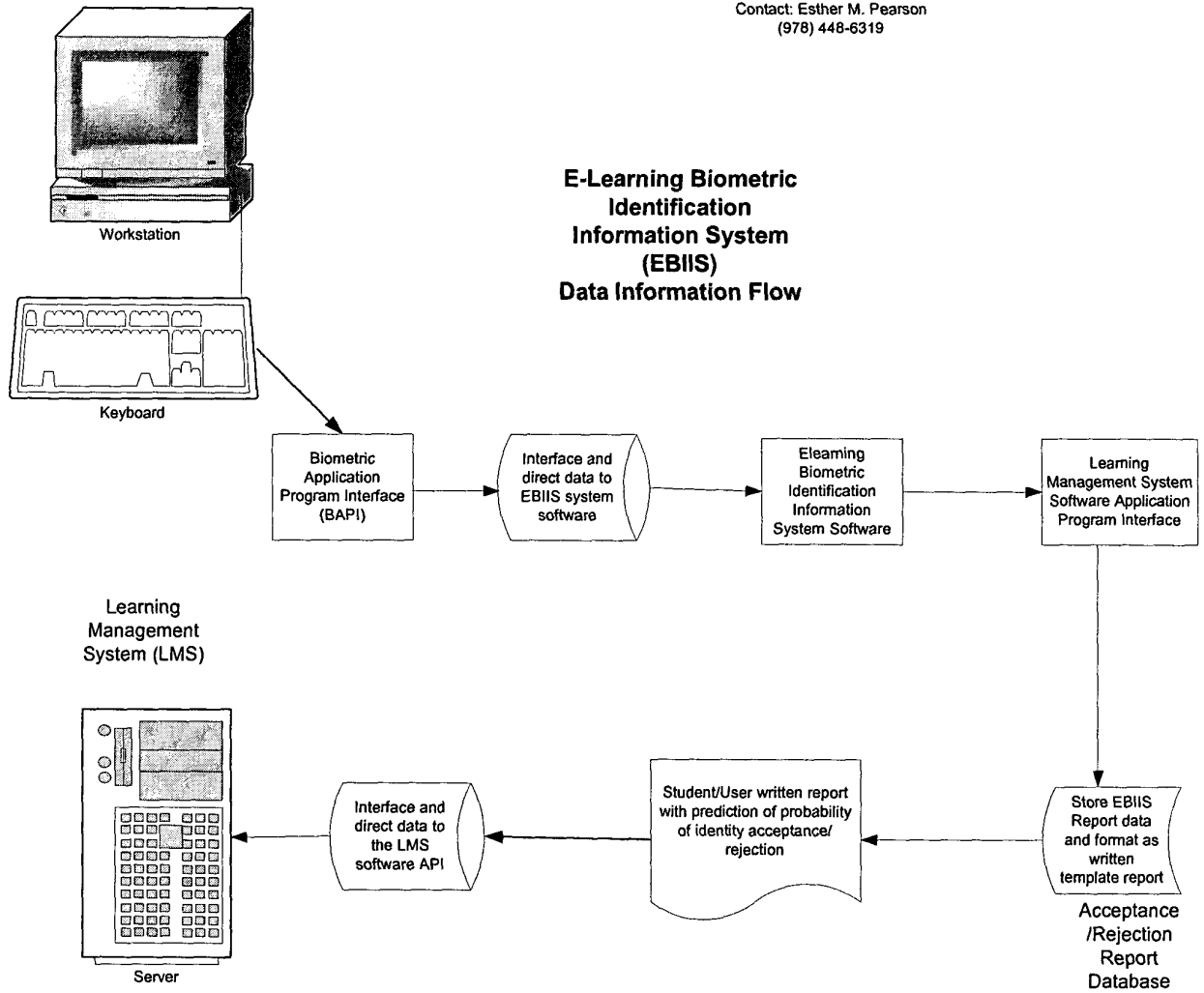
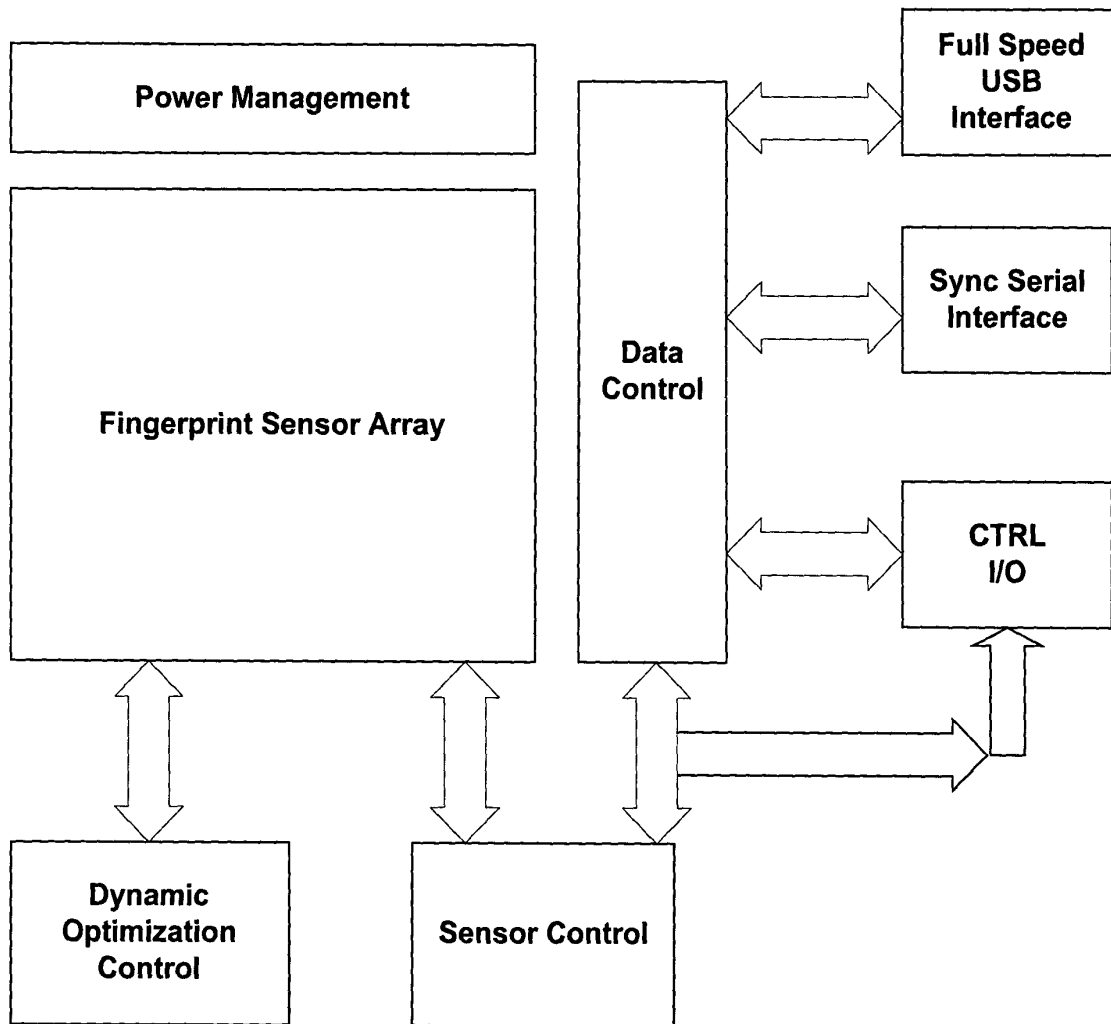


Figure 6



**EntrePad Fingerprint Sensor Bus Architecture by  
Authentec**

**Figure 7**